

Wax Crystallization Under Pipe Flow

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Abstract No. Stet6417

Beamline(s): **X10A**

We have observed the growth of wax crystals formed in a dodecane-tricosane mixture under flow. The flow channel consisted of a 1mm capillary tube, and studies were conducted while controlling temperature and flow rate. Crystallites that were formed tended to be large and blocked the channel.